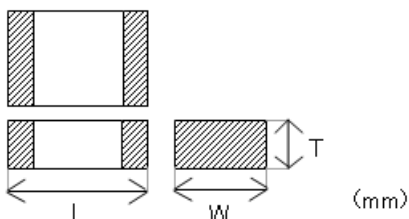


Murata Global Part No.	Size (mm/inch)	Temp. Chara.	Cap.Value	Cap.Tol	Rated Volt.	Durability (%Rated Volt.)
GQM1875C2E101GB12	1608M/0603	C0G	100pF	+/-2%	250Vdc	200%

1. Dimension



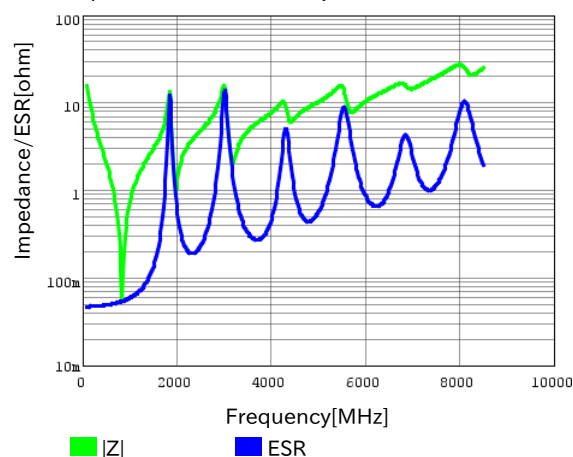
L	W	T
1.6+0.15/-0.15	0.8+0.15/-0.15	0.7+0.1/-0.1

2. Capacitance, Q and I.R.

	Specifications	Measuring condition
Capacitance	98pF to 102pF	1MHz / 1Vrms
Q	1400(min.)	1MHz / 1Vrms
I.R.	10000 (min.) Mohm	250.0V, 60s

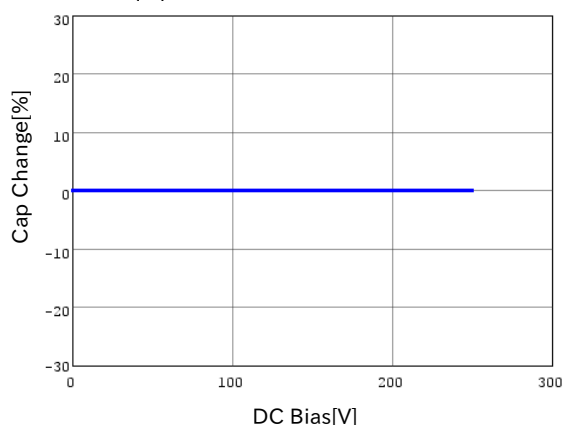
3. Impedance/ESR-Frequency

Equipment: Impedance/Network Analyzer



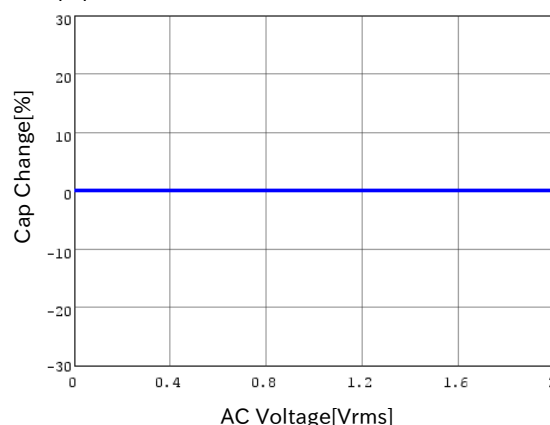
4. Capacitance-DC Bias Characteristics

1MHz / 1Vrms Equipment: LCR Meter



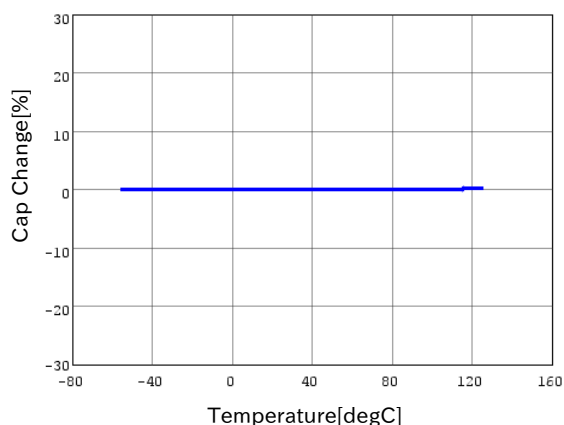
5. Capacitance-AC Voltage Characteristics

1MHz Equipment: LCR Meter



6. Capacitance-Temp. Characteristics

1MHz / 1Vrms Equipment: LCR Meter



7. Temperature Rise-Ripple Current

Equipment: Temperature Rise - Ripple Current Measurement system

